



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/725,906A  
Source: 1600  
Date Processed by STIC: 11/29/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

# Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 09/225,906A
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 ___ Wrapped Nucleics ___ Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to 3; this will prevent "wrapping."	
2 ___ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 ___ Misaligned Amino ___ Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 ___ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 ___ Variable Length	Sequence(s) ___ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 ___ PatentIn 2.0 ___ "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 ___ Skipped Sequences ___ (OLD RULES)	Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped  Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 ___ Skipped Sequences ___ (NEW RULES)	Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence: <210> sequence id number <400> sequence id number 000	
9 ___ Use of n's or Xaa's ___ (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 ___ Invalid <213> ___ Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 ___ Use of <220>	Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 0001/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 ___ PatentIn 2.0 ___ "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 ___ Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFW16

## RAW SEQUENCE LISTING

DATE: 11/28/2003

PATENT APPLICATION: US/09/725,906A

TIME: 17:03:10

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF4\11282003\I725906A.raw

3 <110> APPLICANT: MCKERRACHER, Lisa

5 <120> TITLE OF INVENTION: Methods for making and delivering Rho-antagonist tissue adhesive

6 formulations to the injured mammalian central and peripheral nervous systems and

7 uses thereof

9 <130> FILE REFERENCE: 06447-003-US-02

11 <140> CURRENT APPLICATION NUMBER: US 09/725,906A

12 <141> CURRENT FILING DATE: 2000-11-30

14 <160> NUMBER OF SEQ ID NOS: 3

16 <170> SOFTWARE: PatentIn version 3.1

18 <210> SEQ ID NO: 1

19 <211> LENGTH: 726

20 <212> TYPE: DNA

21 <213> ORGANISM: Clostridium botulinum

23 <400> SEQUENCE: 1

24 gtggcgaccc ttcccaaate ggatctgggt ccgcgtggat cctctagagt cgacctgcag 60

26 gcatgcaatg cttattccat taatcaaaag gcttattcaa atacttacca ggagtttact 120

28 aatattgac aagcaaaagc ttggggtaat gctcagtata aaaagtatgg actaagcaaa 180

30 tcagaaaaag aagctatagt atcatatact aaaagcgcta gtgaaataaa tggaaagcta 240

32 agacaaaata agggagttat caatggattt ccttcaaatt taataaaaca agttgaactt 300

34 ttagataaat cttttaataa aatgaagacc cctgaaaata ttatgttatt tagaggcgac 360

36 gaccctgctt atttaggaac agaatttcaa aacactcttc ttaattcaaa tgggtacaatt 420

38 aataaaacgg cttttgaaaa ggctaaagct aagtttttaa ataaagatag acttgaatat 480

40 ggatatatta gtacttcatt aatgaatgtt tctcaatttg caggaagacc aattattaca 540

42 aaatttaaag tagcaaaagg ctcaaaggca ggatatattg accctattag tgcttttcag 600

44 ggacaacttg aaatgttgct tcctagacat agtacttatc atatagacga tatgagattg 660

46 tcttctgatg gtaaacaaat aataattaca gcaacaatga tgggcacagc tatcaatcct 720

48 aaataa 726

51 <210> SEQ ID NO: 2

52 <211> LENGTH: 690

53 <212> TYPE: DNA

54 <213> ORGANISM: Clostridium botulinum

56 <400> SEQUENCE: 2

57 ggatcctcta gagtcgacct gcaggcatgc aatgcttatt ccattaatca aaaggcttat 60

59 tcaaatactt accaggagtt tactaatatt gatcaagcaa aagcttgggg taatgctcag 120

61 tataaaaaag atggactaag caaatcagaa aaagaagcta tagtatcala tactaaaagc 180

63 gctagtgaaa taaatggaaa gctaagacaa aataagggaq ttatcaatgg atttccttca 240

65 aatttaataa aacaagltga acttttagat aaatctttta ataaaatgaa gacccctgaa 300

67 aatattatgt tatttagagg cgacgacctt gcttatttag gaacagaatt tcaaaacact 360

69 cttcttaatt caaatggtac aattaataaa acggcttttg aaaaggctaa agctaagtgt 420

71 ttaaataaag atagacttga atatggatat attagtactt cattaatgaa tgtttctcaa 480

73 tttgcaggaa gaccaattat tacaaaattt aaagtagcaa aaggctcaaa ggcaggatat 540

75 attgacccta ttagtgcttt tcagggacaa cttgaaatgt tgcttcttag acatagtlact 600

77 tatcatatag acgatatgag attgtcttct gatggttaac aaataataat tacagcaaca 660

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/725,906A

DATE: 11/28/2003

TIME: 17:03:10

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF4\11282003\I725906A.raw

79 atgatgggca cagctatcaa tcctaaataa

690

82 &lt;210&gt; SEQ ID NO: 3

83 &lt;211&gt; LENGTH: 229

84 &lt;212&gt; TYPE: PRT

85 &lt;213&gt; ORGANISM: Clostridium botulinum

87 &lt;220&gt; FEATURE:

88 &lt;221&gt; NAME/KEY: MISC\_FEATURE

89 &lt;222&gt; LOCATION: (106)..(106)

90 &lt;223&gt; OTHER INFORMATION: (-) invalid. What does Xaa represent?

93 &lt;220&gt; FEATURE:

94 &lt;221&gt; NAME/KEY: MISC\_FEATURE

95 &lt;222&gt; LOCATION: (143)..(143)

96 &lt;223&gt; OTHER INFORMATION: (-) invalid. See item 9 on Error Summary Sheet

99 &lt;400&gt; SEQUENCE: 3

101 Gly Ser Ser Arg Val Asp Leu Gln Ala Cys Asn Ala Tyr Ser Ile Asn

102 1 5 10 15

105 Gln Lys Ala Tyr Ser Asn Thr Tyr Gln Glu Phe Thr Asn Ile Asp Gln

106 20 25 30

109 Ala Lys Ala Trp Gly Asn Ala Gln Tyr Lys Lys Tyr Gly Leu Ser Lys

110 35 40 45

113 Ser Glu Lys Glu Ala Ile Val Ser Tyr Thr Lys Ser Ala Ser Glu Ile

114 50 55 60

117 Asn Gly Lys Leu Arg Gln Asn Lys Gly Val Ile Asn Gly Phe Pro Ser

118 65 70 75 80

121 Asn Leu Ile Lys Gln Val Glu Leu Leu Asp Lys Ser Phe Asn Lys Met

122 85 90 95

W--&gt; 125 Lys Thr Pro Glu Asn Ile Met Leu Phe Xaa Gly Asp Asp Pro Ala Tyr

126 100 105 110

129 Leu Gly Thr Glu Phe Gln Asn Thr Leu Leu Asn Ser Asn Gly Thr Ile

130 115 120 125

133 Asn Lys Thr Ala Phe Glu Lys Ala Lys Ala Lys Phe Leu Asn Xaa Asp

134 130 135 140

137 Arg Leu Glu Tyr Gly Tyr Ile Ser Thr Ser Leu Met Asn Val Ser Gln

138 145 150 155 160

141 Phe Ala Gly Arg Pro Ile Ile Thr Lys Phe Lys Val Ala Lys Gly Ser

142 165 170 175

145 Lys Ala Gly Tyr Ile Asp Pro Ile Ser Ala Phe Gln Gly Gln Leu Glu

146 180 185 190

149 Met Leu Leu Pro Arg His Ser Thr Tyr His Ile Asp Asp Met Arg Leu

150 195 200 205

153 Ser Ser Asp Gly Lys Gln Ile Ile Thr Ala Thr Met Met Gly Thr

154 210 215 220

157 Ala Ile Asn Pro Lys

158 225

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/725,906A

DATE: 11/28/2003  
TIME: 17:03:11

Input Set : A:\PTO.PG.txt  
Output Set: N:\CRF4\11282003\I725906A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 106,143

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6